

\\sd-data\Proj\Sanitation\South Park csd\collection\7591\_West Robles\Draw\7591\_Civil

BASIS OF BEARING:

WAS ESTABLISHED LOCALLY BETWEEN CONTROL POINTS 10 AND 11 BY G.P.S. COORDIANTE MONUMENTS G-2004 AND G-462 WERE USED FOR LOCAL REFERENCE AND THE JOB CONTROL WAS MOVED TO THOSE COORDINATES. ALL COORDINATES ARE NAD 83, EPOCH 1991.35.

- G-2004 CITY MONUMENT; 2 1/2" CSSC BRASS DISK, LOCATED ON TODD RD, 20' EAST OF MOORLAND AVE.
- G-462 CSSC DISK; LOCATED ON SANTA ROSA AVE. 900' SOUTH OF EAST ROBLES AVE

BENCH LEVEL DATA:

- D-233 STANDISH AVE. 280 FT S/O WEST ROBLES AVE.; 3" BRASS DISK STAMPED "CITY OF SANTA ROSA" IN WELL MONUMENT, ON CL. 12/98
- D-234 STANDISH AVE. AND WEST ROBLES AVE.; BRASS DISK STAMPED "LS 3216" IN WELL MONUMENT AT CL INTERSECTION 6/06
- D-235 DUTTON AVE. 235 FT N/O WEST ROBLES AVE.; BRASS DISK STAMPED "LS 3216" IN WELL MONUMENT ON CL DUTTON AT A PRC 6/06

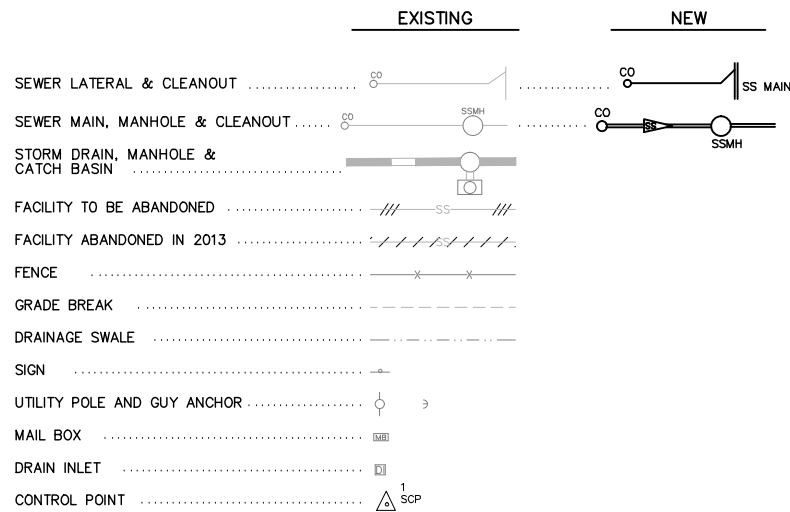
SURVEY CONTROL POINTS:

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
1	1906269.163	6355758.259	106.98	522_ NAIL & TAG
2	1906286.362	6355872.438	107.13	520_ PK NAIL
3	1906281.267	6356063.539	107.23	520_ PK NAIL
4	1906273.040	6356317.252	106.04	520_ PK NAIL
10	1906279.796	6355455.122	106.05	518_ MON. WELL
11	1906509.663	6355459.761	105.58	518_ MON. WELL
24	1903611.361	6355711.345	101.19	518_ MON. WELL G-2004
62	1905344.040	6357152.150	105.25	518_ MON. WELL G-462

ALIGNMENT DATA:

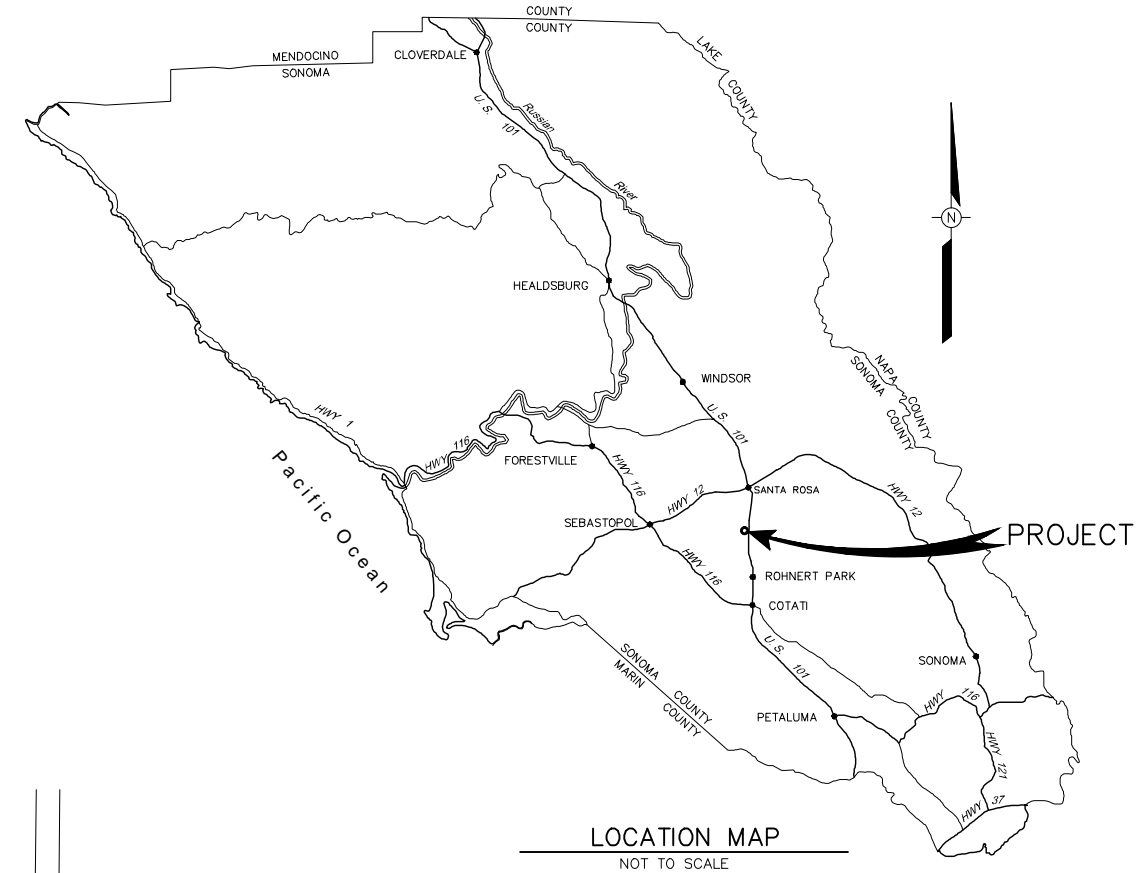
CENTERLINE SEWER					
STATION		NORTHING	EASTING	DIRECTION	DISTANCE
1+00	BEGIN	N 1906279.0143	E 6355705.7324		
				S89°28'12.77"E	602.85
7+02.85		N 1906273.4401	E 6356308.5602		
				S00°31'47.23"E	8.10
7+10.96	END	N 1906265.3375	E 6356308.4852		

LEGEND:



ABBREVIATIONS:

ABAN	ABANDONED	MH	MANHOLE
AC	ASPHALT CONCRETE	MIN	MINIMUM
ACP	ASBESTOS CEMENT PIPE	(N)	NORTH
AGG	AGGREGATE	NTS	NOT TO SCALE
CB	CATCH BASIN	P.C.C.	PORTLAND CEMENT CONC.
CDF	CONTROL DENSITY FILL	PMS	PANTONE MATCHING SYSTEM
CL	CENTERLINE	PVC	POLYVINYL CHLORIDE
CIP	CAST IRON PIPE	R.C.	RELATIVE COMPACTION
CMP	CORRUGATED METAL PIPE	RPM	RAISED PAYMENT MARKERS
CO	CLEANOUT WITH CONCRETE COLLAR	RT	RIGHT OFFSET
CONC	CONCRETE	R/W	RIGHT-OF-WAY
CP	CONCRETE PIPE	(S)	SOUTH
CSR	CITY OF SANTA ROSA	S	SLOPE
DIP	DUCTILE IRON PIPE	SCP	SURVEY CONTROL POINT
DWY	DRIVEWAY	SD	STORM DRAIN
(E)	EAST	SDMH	STORM DRAIN MANHOLE
EG	EXISTING GRADE	SHT	SHEET
EP	EXISTING PAVEMENT	SS	SANITARY SEWER
EXST	EXISTING	SSCO	SANITARY SEWER CLEANOUT
FG	FINISH GRADE	SSMH	SANITARY SEWER MANHOLE
G	GAS	STD	STANDARD
GB	GRADE BREAK	SVC	SERVICE LATERAL
G.P.S.	GLOBAL POSITIONING SYSTEM	TS	TRUNK SEWER
HDPE	HIGH DENSITY POLYETHYLENE	TYP	TYPICAL
IG	INVERT GRADE	VCP	VITRIFIED CLAY PIPE
LT	LEFT OFFSET	(W)	WEST
MAX	Maximum		

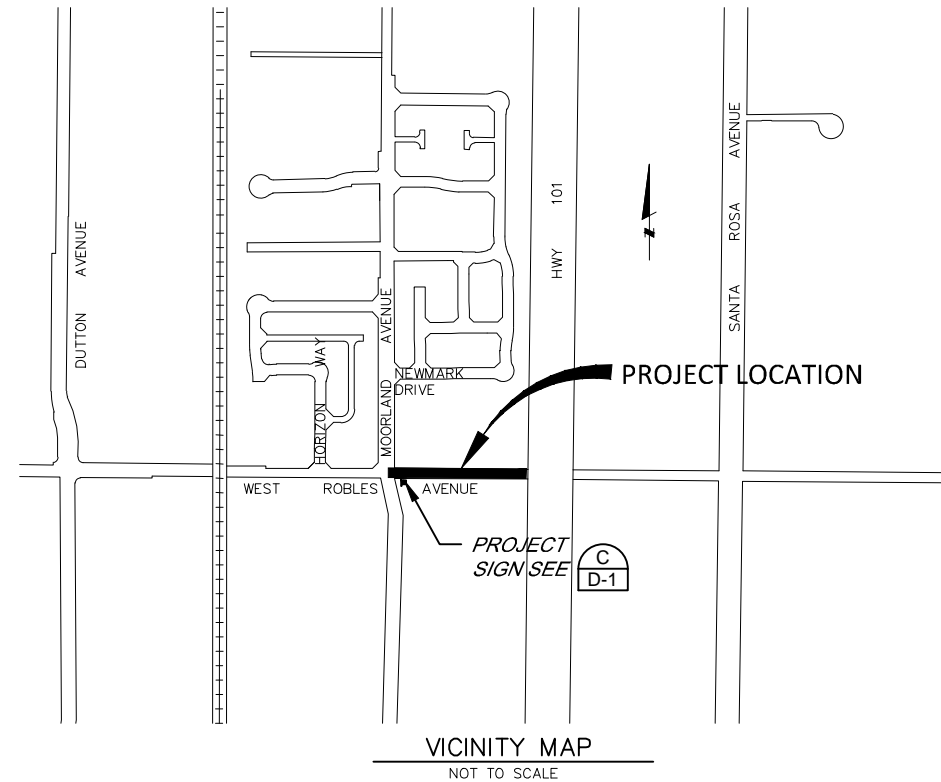


GENERAL NOTES:

- ALL STATIONING REPRESENTS HORIZONTAL MEASUREMENTS AT CENTERLINE OF CONSTRUCTION.
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE ONLY.
- THE CONTRACTOR IS RESPONSIBLE FOR PASSAGE OF EMERGENCY VEHICLES AND LOCAL TRAFFIC DURING CONSTRUCTION.

INDEX TO DRAWINGS

SHEET	DRAWING NUMBER	TITLE
1	G-1	PROJECT INFORMATION
2	G-2	GENERAL DETAILS
3	C-1	PLAN AND PROFILE
4	D-1	DETAILS



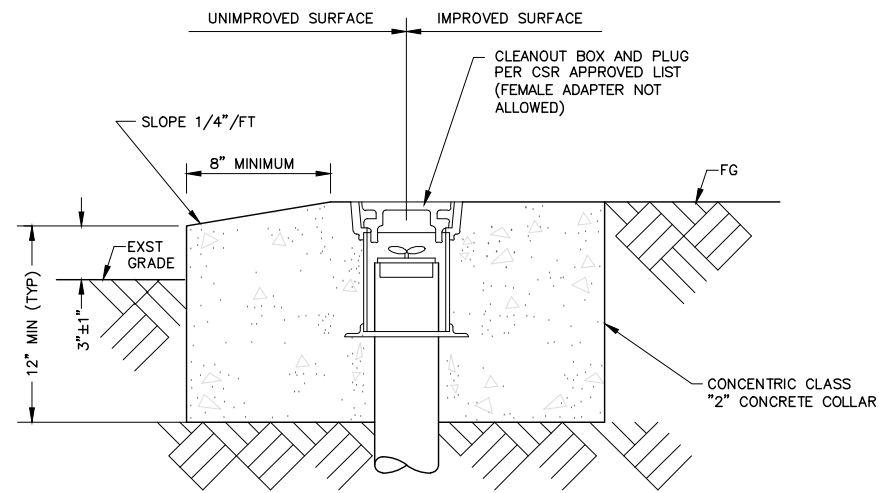
NO.	DATE	REVISION	BY

SOUTH PARK COUNTY  
SANITATION DISTRICT

SCALE:	AS SHOWN	DATE:	27/10/2015
DRAWN:	BJA		
REVIEWED:	Kent Gyle		

WEST ROBLES AVENUE COLLECTION SYSTEM REPLACEMENT  
PROJECT INFORMATION

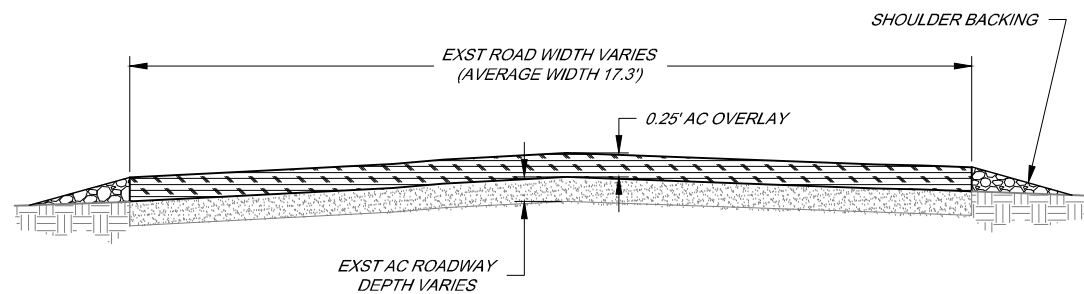
FILE NAME:	7591_Civil.dwg	DRAWING NUMBER:	G-1	SHEET 1 OF 4
CONTRACT NUMBER:	70-701-7 #3			



- NOTES:
- SEWER LATERAL INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF CSR STD. 513 OR 513-A IN ALL OTHER WAYS.
  - CENTER OF CLEAN-OUT TO BE WITHIN STREET RIGHT OF WAY 2' FROM PROPERTY LINE OR FENCE.

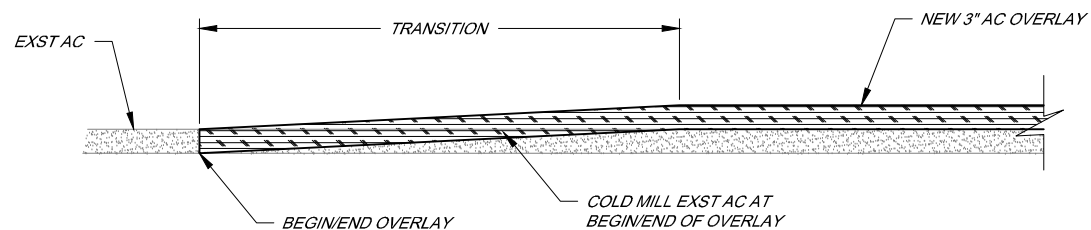
SEWER LATERAL CLEAN-OUT COLLAR

N.T.S.



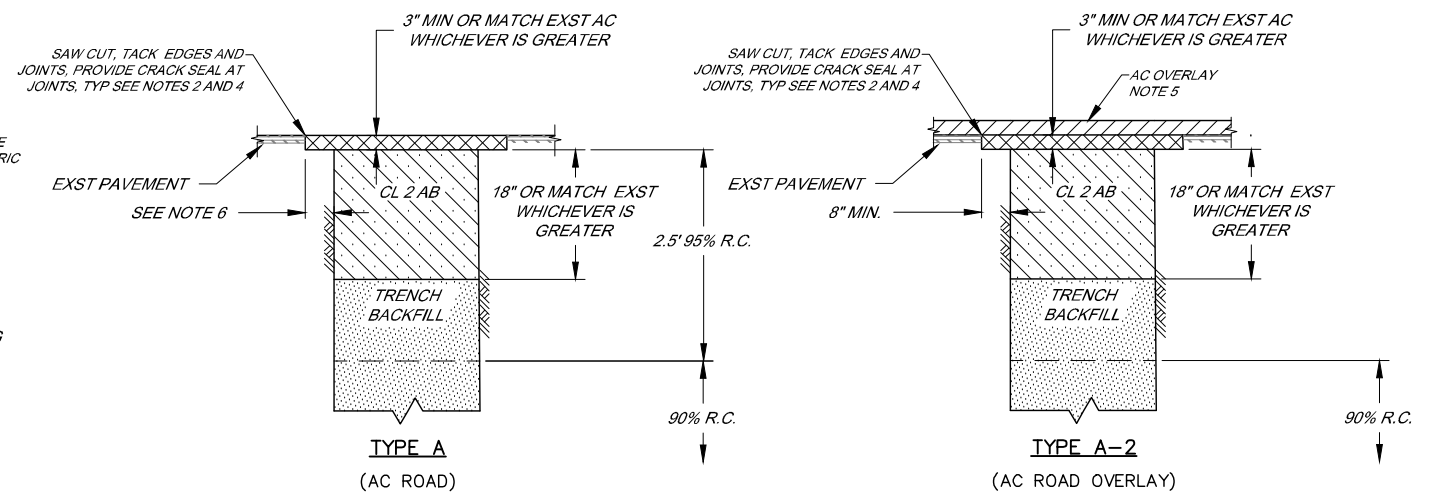
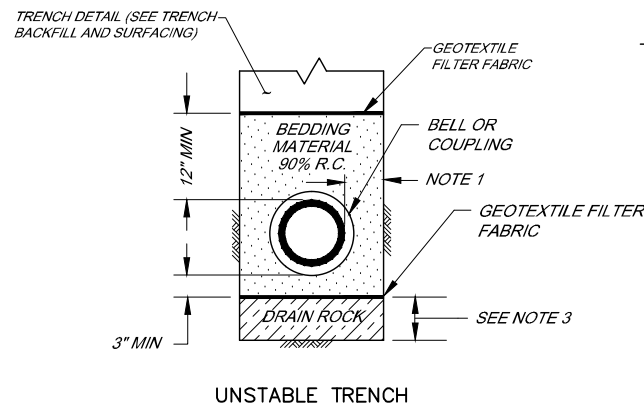
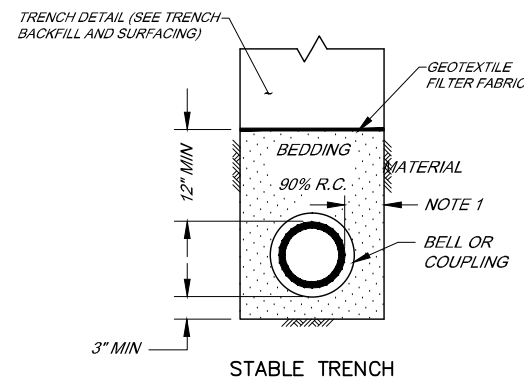
TYPICAL SECTION ROAD RESURFACING

N.T.S.



AC OVERLAY TRANSITION

N.T.S.

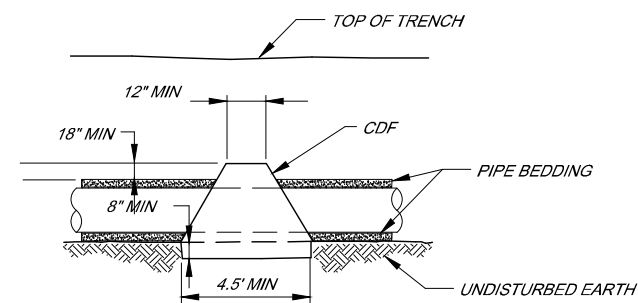


# PIPE BEDDING AND TRENCH BACKFILL NOTES

- PIPE DIAMETER 18" OR LESS: 6" MIN., 9" MAX. PLUS ALLOWANCE FOR TRENCH SHORING.
- NEATLY SAW CUT PAVEMENT AFTER TRENCH BACKFILLED TO SUBGRADE.
- UP TO 12" OF DRAIN ROCK AS NEEDED.
- FULL TACK COAT COVERAGE ON ALL VERTICAL SURFACES.
- MINIMUM AC OVERLAY THICKNESS SHALL BE 0.25'.
- TO EXTEND OF AC PATCH SHOWN.

PIPE BEDDING AND BACKFILL DETAILS

N.T.S.

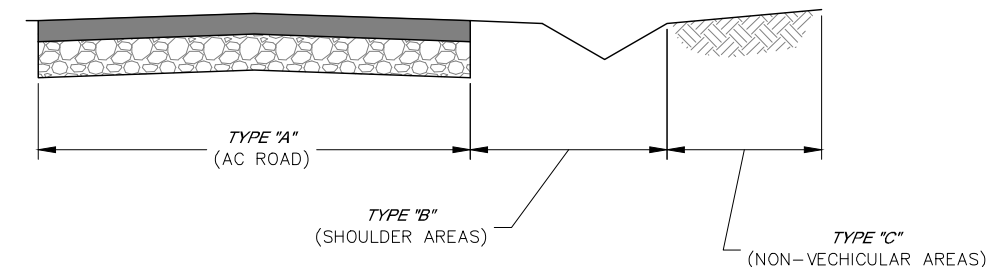


## NOTES

- GUARD AGAINST PIPE OR STRUCTURE BUOYANCY.
- EXCAVATE DAM 8" MIN INTO TRENCH SIDE WALLS AND 6" MIN INTO TRENCH BOTTOM.
- DOWN STREAM SIDE OF ALL MANHOLES.

CDF TRENCH DAM DETAIL

N.T.S.



TYPICAL TRENCH BACKFILL DETAIL

N.T.S.



SOUTH PARK COUNTY  
SANITATION DISTRICT

SCALE: AS SHOWN DATE: 27/10/2015  
DRAWN: BJA  
REVIEWED: *Kent Gyle*

WEST ROBLES AVENUE COLLECTION SYSTEM REPLACEMENT  
GENERAL DETAILS

FILE NAME: 7591\_Civil.dwg  
CONTRACT NUMBER: 70-701-7 #3

DRAWING  
NUMBER: G-2

SHEET 2 OF 4

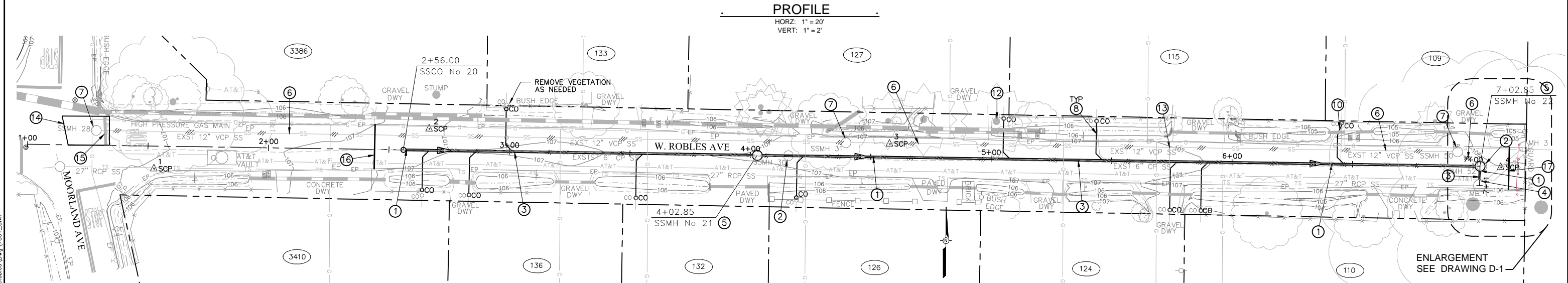
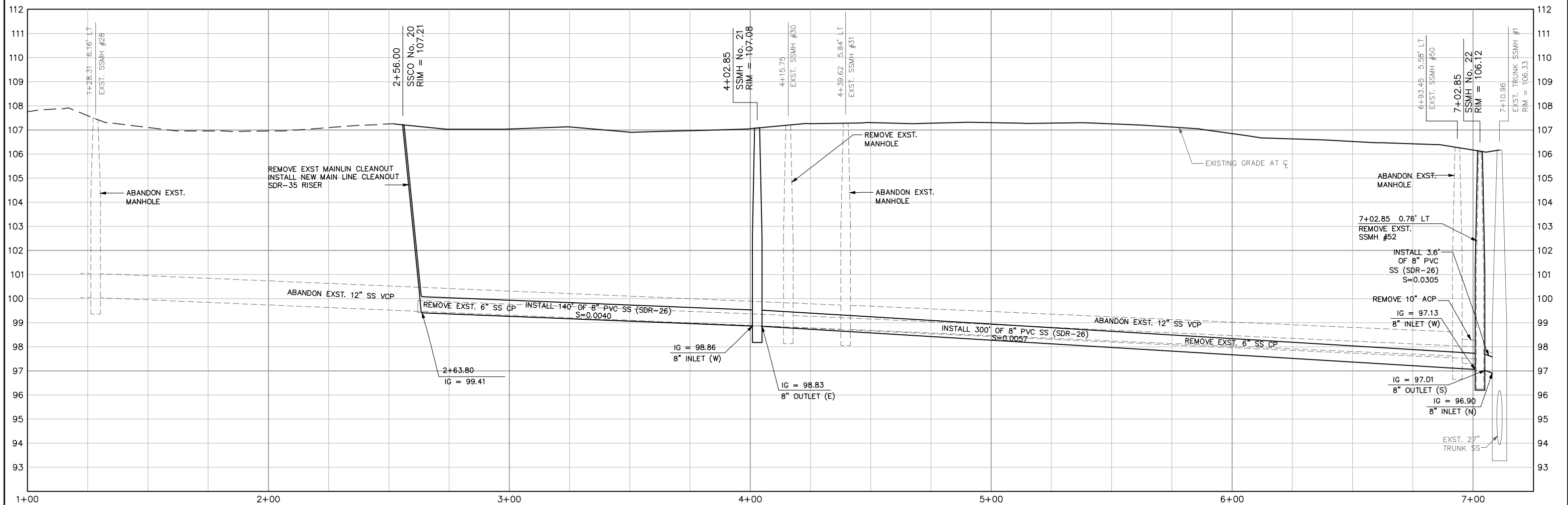
\\sd-data\Proj\Sanitation\South Park csd\collection\7591\_West\_Robles\Draw\7591\_Civil



BAR LENGTH ON ORIGINAL  
DRAWING EQUALS ONE INCH.  
ADJUST SCALE ACCORDINGLY

Plot Nov 23, 2015 at 11:02am

NO.	DATE	REVISION	BY



### CONSTRUCTION NOTES

- 1 REMOVE EXISTING SANITARY SEWER MAIN.
- 2 REMOVE EXISTING SANITARY SEWER MANHOLE.
- 3 INSTALL 8" PVC SANITARY SEWER MAIN.
- 4 CONNECT NEW 8" SANITARY SEWER MAIN TO EXISTING TRUNK SEWER MANHOLE. SEE DRAWING D-1
- 5 INSTALL 48" SANITARY SEWER MANHOLE.
- 6 ABANDON EXISTING SANITARY SEWER MAIN.
- 7 ABANDON EXISTING SANITARY SEWER MANHOLE.
- 8 INSTALL 4" PVC SANITARY SEWER LATERAL WITH CLEANOUT. SEE DRAWING G-2. REMOVE OR ABANDON EXISTING LATERAL
- 9
- 10 OFFSET SEWER LATERAL TO PROVIDE 3' SEPARATION FROM EXISTING GAS SERVICE. MAKE OFFSET TIE-IN USING LONG RADIUS SWEEPS.
- 12 GRIND STUMP AND ROOTS TO ALLOW INSTALLATION OF SEWER LATERAL
- 13 SEWER FLOW FROM 124 W. ROBLES AVENUE MUST BE DIVERTED TO NEW SEWER LINE BEFORE ABANDONMENT OF EXISTING 12" SEWER LINE.
- 14 AC PATCH (220 sq. ft ±)
- 15 RESTRIPE EXISTING 12" WIDE THERMOPLASTIC STOP BAR.
- 16 BEGIN OVERLAY STA 2+44 (8,131 sq. ft.±) SEE DWG G-2
- 17 END OVERLAY SEE DWG G-2



SOUTH PARK COUNTY  
SANITATION DISTRICT

SCALE: AS SHOWN  
DATE: 27/10/2015  
DRAWN: BJA  
REVIEWED: [Signature]

WEST ROBLES AVENUE COLLECTION SYSTEM REPLACEMENT  
PLAN AND PROFILE

FILE NAME: 7591\_Civil.dwg  
CONTRACT NUMBER: 70-701-7 #3

DRAWING NUMBER: C-1  
SHEET 3 OF 4

NO.	DATE	REVISION	BY

BAR LENGTH ON ORIGINAL  
DRAWING EQUALS ONE INCH.  
ADJUST SCALE ACCORDINGLY

Plot Nov 23, 2015 at 11:02am

1.5"

2"

4"

2.5"

1.5"

1"

South Park County Sanitation District : West Robles Avenue

SEWER SYSTEM REPLACEMENT

[Mth/Yr] Start-[Mth/Yr] Complete

Working Hours: 8:00a.m.-5:00p.m.

Monday-Friday

South Park CSD: 707-523-1070

24-hour Emergency Phone Number

Número de Teléfono de Emergencia 24-horas

Contractor: [Name of Contractor]

24-Hour Emergency Phone xxx-xxx-xxxx

Contratista: Número de Teléfono de Emergencia 24-horas

Please Pardon Our Construction-Related Noise and Traffic Delays

www.sonomacountywater.org

VICINITY MAP

NOT TO SCALE

PROJECT LOCATION

SONOMA COUNTY WATER AGENCY

80% black PMS 327

50% black PMS 5585

80% black PMS 312

PMS 7406

PMS 312

PMS 327

PMS 327

PROJECT SIGN  
NTS

C  
G-1

SS TRUNK MH CONNECTION DETAIL - SECTION VIEW  
N.T.S.

B  
-

SS TRUNK MH CONNECTION DETAIL - PLAN VIEW  
SCALE 1" = 5'

A  
C-1

\\sd-data\proj\sanitation\south park csd\collection\7591\_West\_Robles\Draw\7591\_Civil

BAR LENGTH ON ORIGINAL  
DRAWING EQUALS ONE INCH.  
ADJUST SCALE ACCORDINGLY

Plot Nov 23, 2015 at 11:02am

NO.	DATE	REVISION	BY	

SOUTH PARK COUNTY  
SANITATION DISTRICT

SCALE:	DATE:	WEST ROBLES AVENUE COLLECTION SYSTEM REPLACEMENT		
	10/27/2015	DETAILS		
DRAWN:	---			
REVIEWED:				
FILE NAME:	7591_Civil.dwg	DRAWING	D-1	SHEET 4 OF 4
CONTRACT NUMBER:	###	NUMBER:		